



**S4 Fig. Modulation of the expression of AURKA, FLJ10540, PTEN, AKT, PI3K, p70S6K and cleaved PARP by 30% DMSO GP extracts in HCC cell lines.**

The cell lysates treated with 30% DMSO GP extracts were subjected to immunoblot analysis for anti-cleaved PARP, anti-FLJ10540, anti-AURKA, anti-p70S6K, anti-AKT-Ser<sup>473</sup>, anti-AKT and anti-PTEN antibodies. The expression levels of cleaved PARP were increased, indicating that the cells had undergone apoptosis. The expression of AURKA, FLJ10540 and AKT-Ser<sup>473</sup> was down-regulated, whereas that of PTEN was up-regulated in a concentration-dependent manner.